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PATENT  
Docket No. 10245US03

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JATHAN D. EDWARDS et al.

Serial No.: 10/781,439

Filed: February 18, 2004

For: SANDWICH HOLOGRAPHIC DISK  
CONSTRUCTION WITH THIN MOLDED  
SUBSTRATES

Examiner: Fayez G. Assaf

Group Art Unit: 2872

**CERTIFICATE OF TELEFACSIMILE TRANSMISSION**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450Examiner Fayez G. Assaf  
Fax No.: (571) 273-2307

Dear Sir:

I certify that the following pages are being telefacsimile transmitted to the U.S. Patent and Trademark Office on the date shown below:

1. Communication under 37 C.F.R. 1.8(b) with Certificate of Facsimile (1 page)
2. Copy of Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b) (2 pages)
3. Forms 1449 (3 pages)

Respectfully submitted,

8/13/04

Date

  
Eric D. Levinson  
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Facsimile: (651) 704-5951**7 PAGES - INCLUDING COVER PAGE**

Patent  
Docket No.: 10245US03

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jathan D. Edwards et al.

Serial No.: 10/781,439

Filed: 02/18/2004

For: SANDWICH HOLOGRAPHIC DISK  
CONSTRUCTION WITH THIN  
MOLDED SUBSTRATES

Group Art Unit: 2872

Examiner: Fayez O. Assaf

Notice of Allowance  
Dated 07/13/04CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being transmitted by facsimile to the Commissioner for Patents, Alexandria, VA 22313-1450 on 13 August, 2004.By: 

Name: Eric D. Levinson

COMMUNICATION UNDER 37 C.F.R. 1.8(b)Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

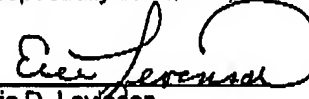
Dear Sir:

Applicants wish to thank the Examiner for the Notice of Allowance mailed July 13, 2004. The undersigned has reviewed Applicants' file for completeness before payment of the issue fee and requests the following:

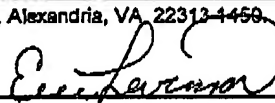
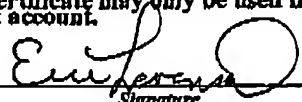
Although an Information Disclosure Statement with Certificate of First Class Mail was mailed to the Patent Office on May 28, 2004 (copies of the Information Disclosure Statement and three pages of Forms 1449 are attached), it appears the Patent Office did not receive them. I attest to my personal knowledge that on May 28, 2004, the Information Disclosure Statement was deposited by First Class Mail to the U.S. Patent Office.

Because the art was properly submitted, Applicants request the Examiner consider and initial the attached 1449s and return them to the undersigned's attention at the address or facsimile number listed below. Please feel free to contact the undersigned with any questions.

Respectfully submitted,

  
Eric D. Levinson  
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DateImation Legal Affairs  
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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))		Docket No. 10245US03	
In Re Application Of: Jathan D. Edwards, Frank E. Aspen, Ramon F. Hegel, and Chad R. Sandstrom		<b>DOCKETED</b> Date <u>8/1/04</u> By <u>LO</u>	
Serial No. 10/781,439	Filing Date 02/18/2004	Examiner	Group Art Unit 2872
Title: SANDWICH HOLOGRAPHIC DISK CONSTRUCTION WITH THIN MOLDED SUBSTRATES			
Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450			
37 CFR 1.97(b)			
1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.			
37 CFR 1.97(c)			
2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:  <input type="checkbox"/> the statement specified in 37 CFR 1.97(e);  OR  <input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).			

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))		Docket No. <b>10245US03</b>
In Re Application: <b>Jathan D. Edwards, Frank E. Aspen, Ramon F. Hegel, and Chad R. Sandstrom</b>		
Serial No. <b>10/781,439</b>	Filing Date <b>02/18/2004</b>	Examiner 
Group Art Unit <b>2872</b>		
<b>SANDWICH HOLOGRAPHIC DISK CONSTRUCTION WITH THIN MOLDED SUBSTRATES</b>		
<b>Payment of Fee</b> (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))		
<input type="checkbox"/> A check in the amount of _____ is attached. <input type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.		
<input type="checkbox"/> Charge the amount of _____ <input type="checkbox"/> Credit any overpayment. <input type="checkbox"/> Charge any additional fee required.		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center;"><b>Certificate of Transmission by Facsimile*</b></p> <div style="border: 1px solid black; padding: 5px;"> <p>I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (PTO).</p> <p>_____ (Date)</p> <p>_____ Signature</p> <p>_____ Typed or Printed Name of Person Signing Certificate</p> </div> </div> <div style="width: 45%;"> <p style="text-align: center;"><b>Certificate of Mailing by First Class Mail</b></p> <div style="border: 1px solid black; padding: 5px;"> <p>I certify that this document and fee is being deposited on <u>5/28/4</u> with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-4450.</p> <p style="text-align: center;"> Signature of Person Mailing Correspondence</p> <p style="text-align: center;">Eric D. Levinson</p> <p>_____ Typed or Printed Name of Person Mailing Certificate</p> </div> </div> </div>		
<p>*This certificate may only be used if paying by deposit account.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 45%;"> <p style="text-align: center;"> Signature</p> </div> <div style="width: 45%;"> <p>Dated: <u>5/28/4</u></p> </div> </div>		
<p><b>Eric D. Levinson, Reg. No. 35,814</b>  <b>Imation Corp. Legal Affairs</b>  <b>P.O. Box 64898</b>  <b>St. Paul, MN 55164-0898</b>  <b>Telephone: 651/704-3604</b>  <b>Facsimile: 651/704-5951</b></p>		

<b>INFORMATION DISCLOSURE CITATION</b>		Atty. Docket No.: 10245US03			Serial No.: 10/781,439		
		Applicant(s): Jathan D. Edwards et al.					
		Filing Date: February 18, 2004			Group: 2872		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
		4,330,604	05/1982	Wreede et al. *			
		4,992,336	02/1991	Yamamoto et al.			
		5,233,597	08/1993	Nakayama et al.			
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		5,487,926	01/1996	Kuribayashi et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub- Class	Translation
							Yes      No
		0 386 971 A1	09/1999	EP			
		DE4208328	09/1993	Germany			Abstract
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
		Psaltis et al., "Holographic storage using shift multiplexing," Optics Letters, Vol. 20, No. 7, April 1, 1995, pp. 782-784					
		Fu et al., "High-density recording in photopolymer-based holographic three-dimensional disks," Applied Optics, Vol. 35, No. 14, May 1996, pp. 2389-2398					
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		Psaltis et al., "Holographic Data Storage," Computer IEEE, February 1998, pp. 52-60					
		Dhar et al., "Holographic storage of multiple high-capacity digital data pages in thick photopolymer system," Optics Letters, Vol. 23, No. 21, November 1, 1998, pp. 1710-1712					
		Curtis et al., "High Density, High Performance Data Storage via Volume Holography: The Lucent Technologies Hardware Platform," Bell Laboratories, Lucent Technologies, pp. 1-9, published in 2000 by Holographic Data Storage, Ed. Coufal et al.					
		Ashley et al., "Holographic data storage," IBM J. Res Develop, Vol., 44, No. 3, 3 May 2000, pp. 341-368					
<b>EXAMINER</b>				Date Considered			
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

<b>INFORMATION DISCLOSURE CITATION</b>		Atty. Docket No.: 10245US03				Serial No.: 10/781,439		
		Applicant(s): Jathan D. Edwards et al.						
		Filing Date: February 18, 2004				Group: 2872		
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initial		Document Number	Date	Name	Class	SubClass	Flag Date if Appropriate	
		5,582,891	12/1996	Murakami et al.				
		5,597,613	01/1997	Galarneau et al.				
		5,673,251	09/1997	Suzuki et al.				
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		5,719,691	02/1998	Curtis et al.				
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		5,874,187	02/1999	Colvin et al.				
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		5,893,998	04/1999	Kelley et al.				
		5,917,798	06/1999	Horimai et al.				
		5,932,042	08/1999	Gensel et al.				
<b>FOREIGN PATENT DOCUMENTS</b>								
		Document Number	Date	Country	Class	Sub- Class	Translation	
							Yes	No
		WO 98/47143	10/1998	PCT				
		WO 00/48172 A2	08/2000	PCT				
		61126648	06/1986	Japan			Abstract Only	
		63-74618	04/1988	Japan			X	
		63124247	05/1988	Japan			Abstract Only	
		2-134219	05/1990	Japan			X	
		05278088	10/1993	Japan			Abstract Only	
		9-295319	11/1997	Japan			X	
		10-230524	09/1998	Japan			X	
<b>EXAMINER</b>				<b>Date Considered</b>				
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		Applicant(s): Jathan D. Edwards et al.					
		Filing Date: February 18, 2004				Group: 2872	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
		6,042,684	03/2000	Ohman			
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		6,650,447 B2	11/2003	Curtis et al.			
		2002/0114027 A1	08/2002	Horimai			
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub- Class	Translation
							Yes No
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
<b>EXAMINER</b>				<b>Date Considered</b>			

\* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820  
(also form PTO-1449)

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